



1646

PATENT

Docket No.: 19226/2071 (R-5659)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Balasubramanian et al.)
Serial No. : 09/997,936)
Cnfrm. No. : 5734)
Filed : November 30, 2001)
For : AHF ASSOCIATED DISPERSION SYSTEM)
AND METHOD FOR PREPARATION)

Examiner: Unknown
Art Unit: 1646

P#5

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97-1.98

U.S. Patent and Trademark Office
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Dear Sir:

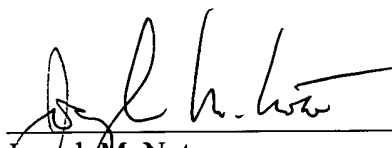
In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby bring to the attention of the United States Patent and Trademark Office, pursuant to 37 C.F.R. §§ 1.97-1.98, the enclosed documents listed on the attached PTO-1449 form.

Pursuant to 37 C.F.R. § 1.97(b), no fee is required. If additional fees are required, however, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 14-1138.

It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

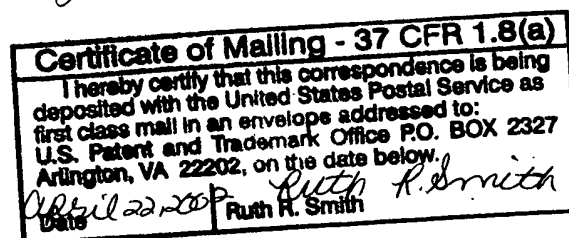
Respectfully submitted,

Date: April 22, 2002


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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use several sheets if necessary) (PTO-1449)	ATTY. DOCKET NO.	SERIAL NO.
	19226/2071 (R-5659)	09/997,936
	APPLICANT	
	Balasubramanian et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

		1	Larner, "The Molecular Pathology of Haemophilia," <u>Quarterly J. Med.</u> , 63(242):473-491 (1987)
		2	Toole et al., "Molecular Cloning of a cDNA Encoding Human Antihaemophilic Factor," <u>Nature</u> , 312:342-347 (1984)
		3	Wood et al., "Expression of Active Human Factor VIII From Recombinant DNA Clones," <u>Nature</u> , 312:330-336 (1984)
		4	Fay, "Factor VIII Structure and Function," <u>Thrombosis and Haemostasis</u> , 70(1):63-67 (1993)
		5	Foster et al., "Factor VIII Structure and Function," <u>Blood Reviews</u> , 3:180-191 (1989)
		6	Yoshimoto et al., "Oxidative Refolding of Denatured/Reduced Lysozyme Utilizing the Chaperone-Like Function of Liposomes and Immobilized Liposome Chromatography," <u>Biotechnol. Prog.</u> , 15:480-487 (1999)
		7	Balasubramanian et al., "Liposomes as Formulation Excipients for Protein Pharmaceuticals: A Model Protein Study," <u>Pharm. Res.</u> , 17(3):344-350 (2000)
		8	Kanaoka et al., "Stabilization of Aerosolized IFN- γ by Liposomes," <u>Int. J. Pharmaceutics</u> , 188:165-172 (1999)
		9	Woodle, "Surface-Modified Liposomes: Assessment and Characterization for Increased Stability and Prolonged Blood Circulation," <u>Chem. Phys. Lipids</u> , 64:249-262 (1993)
		10	Gilbert et al., "Specificity of Phosphatidylserine-Containing Membrane Binding Sites for Factor VIII," <u>J. Biol. Chem.</u> , 267(22):15861-15868 (1992)

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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11	Gilbert et al., "Specific Membrane Binding of Factor VIII is Mediated by O-Phospho-L-Serine, A Moiety of Phosphatidylserine," <u>Biochem.</u> , 32:9577-9587 (1993)
12	Gilbert et al., "Binding of Human Factor VIII to Phospholipid Vesicles," <u>J. Biol. Chem.</u> , 265(2):815-822 (1990)
13	Hilbich et al., "Aggregation and Secondary Structure of Synthetic Amyloid β A4 Peptides of Alzheimer's Disease," <u>J. Mol. Biol.</u> , 218:149-163 (1991)
14	Hammarström et al., "Structural Mapping of an Aggregation Nucleation Site in a Molten Globule Intermediate," <u>J. Biol. Chem.</u> , 274(46):32897-32903 (1999)
15	Tsai et al., "Formulation Design of Acidic Fibroblast Growth Factor," <u>Pharmaceutical Res.</u> , 10(5):649-659 (1993)
16	Carpenter et al., "Rational Design of Stable Lyophilized Protein Formulations: Some Practical Advice," <u>Pharmaceutical Res.</u> , 14(8):969-975 (1997)
17	Foster et al., "Synthetic Factor VIII Peptides With Amino Acid Sequences Contained Within the C2 Domain of Factor VIII Inhibit Factor VIII Binding to Phosphatidylserine," <u>Blood</u> , 75(10):1999-2004 (1990)
18	Kalafatis et al., "Factor Va-Membrane Interaction is Mediated by Two Regions Located on the Light Chain of the Cofactor," <u>Biochem.</u> , 33:486-493 (1994)
19	Lecompte, et al. "Electrostatic and Hydrophobic Interactions Are Involved in Factor Va Binding to Membranes Containing Acidic Phospholipids," <u>J. Biol. Chem.</u> , 269(3):1905-1910 (1994)
20	Saenko et al., "A Mechanism for Inhibition of Factor VIII Binding to Phospholipid by von Willebrand Factor," <u>J. Biol. Chem.</u> , 270(23):13826-13833 (1995)

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21	Scandella et al., "In Hemophilia A and Autoantibody Inhibitor Patients: The Factor VIII A2 Domain and Light Chain Are Most Immunogenic," <u>Thrombosis Res.</u> , 101:377-385 (2001)
22	Woodle et al., "Versatility in Lipid Compositions Showing Prolonged Circulation with Sterically Stabilized Liposomes," <u>Biochimica et Biophysica Acta</u> , 1105:193-200 (1992)
23	Klibanov et al., "Amphipathic Polyethyleneglycols Effectively Prolong the Circulation Time of Liposomes," <u>FEBS Letters</u> , 268:235-237 (1990)
24	Papahadjopoulos et al., "Sterically Stabilized Liposomes: Improvements in Pharmacokinetics and Antitumor Therapeutic Efficacy," <u>Proc. Natl. Acad. Sci. USA</u> , 88:11460-11464 (1991)
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26	Pan et al., "Proposed Structure of the A Domains of Factor VIII by Homology Modelling," <u>Nature Structural Biol.</u> , 2(9):740-744 (1995)
27	Purohit et al., "Mutants of Human Choriogonadotropin Lacking N-Glycosyl Chains in the α -Subunit. 1. Mechanism for the Differential Action of the N-Linked Carbohydrates," <u>Biochem.</u> , 36:12355-12363 (1997)
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29	Balasubramanian et al., "Interferon- γ -Inhibitory Oligodeoxynucleotides Alter the Conformation of Interferon- γ ," <u>Molecular Pharmacol.</u> , 53:926-932 (1998)
30	Lakowicz, <u>Principles of Fluorescence Spectroscopy, Second Edition</u> , New York, New York: Plenum Publishers, pp. 51-54 (1999)

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